ABSTRACT

A method is described whereby composite materials and computer-controlled machining are used to completely encapsulate the conductors in the stators of an electrostatic loudspeaker. This process solves many difficult problems inherent in the construction of such speakers. These include the need for outstanding electrical insulation, avoidance of damage due to arcing, elimination of protective circuitry, durability, a high degree of flatness, high efficiency, light weight, ease of construction, and pleasing appearance.